



PATENT
Customer No. 22,852
Attorney Docket No. 9131.0018-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
WAITE, James W. et al.) Group Art Unit: 2857
)
Application No.: 10/622,376) Examiner: TSAI, Carol S.W.
)
Filed: July 18, 2003)
)
For: METHOD AND APPARATUS FOR DIGITAL) Confirmation No.: 4368
DETECTION OF ELECTROMAGNETIC SIGNAL)
STRENGTH AND SIGNAL DIRECTION IN)
METALLIC PIPES AND CABLES)

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), the Commissioner is hereby authorized to charge the fee of \$180.00 to Deposit Account No. 06-0916 as specified by Section 1.17(p).

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patents and patent publications are not enclosed.

11/10/2005 CNGUYEN 00000065 060916 10622376

02 FC:1806 180.00 DA

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

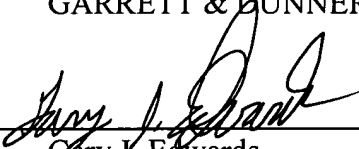
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

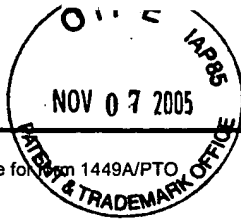
FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 7, 2005

By: _____


Gary J. Edwards
Reg. No. 41,008

EXPRESS MAIL LABEL NO. EV 678997934 US



EXPRESS MAIL NO. EV 678997934 US

IDS Form PTO/SB/08: Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/622,376
Filing Date	July 18, 2003
First Named Inventor	WAITE, James W.
Art Unit	2857
Examiner Name	TSAI, Carol S.W.
Attorney Docket Number	9131.0018-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2005/0156776 A1	07-21-2005	Waite	
		US-2002/0196177 A1	12-26-2002	Johansson et al.	
		US-6,751,553 B2	06-15-2004	Young et al.	
		US-6,529,006 B1	03-04-2003	Hayes	
		US-6,396,433 B1	05-28-2002	Clodfelter	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Doolittle, James A. et al., "A comparison of EM induction and GPR methods in areas of karst," Elsevier B.V. (1998), 85:83-102.	
		Office Action dated October 27, 2005, received in Serial No. 10/997,729 (Attorney Docket No. 9131.0024-00).	
		As-filed patent application of Serial No. 11/193,1000 filed July 29, 2005 (Attorney Docket No. 9131.0024-01).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.